

SIMILAR OF FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

SERIAL NO.

BGP-031USCP2

08/456,124 FOR

APPLICANT

Roy R. Lobb and Linda C. Burkly

FILING DATE

GROUP

May 31, 1995

LIST OF PUBLICATIONS CITED BY APPLICANT
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	AA	4,816,397	03/89	Boss et al.	435	68	
AB	AB	4,833,092	05/89	Geysen	436	501	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AC	0 314 863	05/89	EPO				
	AD	0 330 506	09/89	EPO				
	AE	0 333 517	09/89	EPO				
	AF	0 346 078	12/89	EPO				
	AG	WO 90/03400	04/90	PCT				
	AH	WO 90/13300	11/90	PCT				
	AI	WO 92/00751	01/92	PCT				

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

AJ	Brown, Jr., P. et al., "Anti-Tac-H, a Humanized Antibody to the Interleukin 2 Receptor, Prolongs Primate Cardiac Allograft Survival" <i>Proc. Natl. Acad. Sci. USA</i> 88 :2663-2667 (1990);
AK	Burkly, L. et al., "Signaling by Vascular Cell Adhesion Molecule-1 (VCAM-1) Through VLA-4 Promotes CD3-dependent T Cell Proliferation" <i>Eur. J. Immunol.</i> 21 :2871-2875 (1991);
AL	Clackson, T. et al., "Making Antibody Fragments Using Phage Display Libraries" <i>Nature</i> 352 :624-628 (1991);
AM	Co, M.S. et al., "Humanized Antibodies for Antiviral Therapy" <i>Proc. Natl. Acad. Sci. USA</i> 88 :2869-2873 (1990);
AN	Damle, N. et al., "Vascular Cell Adhesion Molecule 1 Induces T-cell Antigen Receptor-dependent Activation of CD4 ⁺ T Lymphocytes" <i>Proc. Natl. Acad. Sci. USA</i> 88 :6403-6407 (1991);
AO	Devlin, J. et al., "Random Peptide Libraries: A Source of Specific Protein Binding Molecules" <i>Science</i> 249 :400-406 (1990);
AP	Dobrina, A. et al., "Mechanisms of Eosinophil Adherence to Cultured Vascular Endothelial Cells" <i>J. Clin. Invest.</i> 88 :20-26 (1991);
AQ	Elices, M.J. et al., "VCAM-1 on Activated Endothelium Interacts with the Leukocyte Integrin VLA-4 at a Site Distinct from the VLA-4/Fibronectin Binding Site" <i>Cell</i> 60 :577-584 (1990);
AR	Freedman, A. et al., "Adhesion of Human B Cells to Germinal Centers in Vitro Involves VLA-4 and INCAM-110" <i>Science</i> 249 :1030-1033 (1990);
AS	Harris, W.J. and S. Emery, "Therapeutic antibodies - the coming of age" <i>TIBTECH</i> 11 : 42-44 (1993);
AT	Hemler, M. E. et al., "Characterization of the Cell Surface Heterodimer VLA-4 and Related Peptides" <i>J. Biol. Chem.</i> 262 (24):11478-11485 (1987);
AU	Holzmann, B. and I.L. Weissman, "Integrin Molecules Involved in Lymphocyte Homing to Peyer's Patches" <i>Immunological Reviews</i> 9 (108):45-61 (1989);

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Phillip Gammale 10/14/91

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72	BA	Holzmann, B. et al., "Identification of a Murine Peyer's Patch-Specific Lymphocyte Homing Receptor as an Integrin Molecule with an α Chain Homologous to Human VLA-4 α " <i>Cell</i> 56 :37-46 (1989);
	BB	Issekutz, T., "Inhibition of In Vivo Lymphocyte Migration to Inflammation and Homing to Lymphoid Tissues by the TA-2 Monoclonal Antibody" <i>J. Immunol.</i> 147 :4178-4184 (1991);
	BC	Jones, P.T. et al., "Replacing the Complementarity-Determining Regions in a Human Antibody with Those From a Mouse" <i>Nature</i> 321 :522-525 (1986);
	BD	Jutila, M.A. et al., "Homing Receptors in Lymphocyte, Neutrophil, and Monocyte Interaction with Endothelial Cells" in <i>Leukocyte Adhesion Molecules</i> T.A. Springer et al. (eds.) (New York: Springer-Verlag New York Inc., 1990) Chp. 17, 227-235;
	BE	Kilshaw, P. and S.J. Murant, "Expression and Regulation of β_7 (β_p) Integrins on Mouse Lymphocytes: Relevance to the Mucosal Immune System" <i>Eur. J. Immunol.</i> 21 :2591-2597 (1991);
	BF	Köhler, G. and C. Milstein, "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity" <i>Nature</i> 265 :495-497 (1975);
	BG	Koizumi, M. et al., "Expression of Vascular Adhesion Molecules in Inflammatory Bowel Disease" <i>Gastroent.</i> 103 :840-847 (1992);
	BH	Lichtiger, S. and D.H. Present, "Preliminary Report: Cyclosporin in Treatment of Severe Active Ulcerative Colitis" <i>Lancet</i> 336 :16-19 (1990);
	BI	Lobb, R. et al., "Expression and Functional Characterization of a Soluble Form of Vascular Cell Adhesion Molecule 1" <i>Biochem. Biophys. Res. Commun.</i> 178 (3):1498-1504 (1991);
	BJ	Lobb, R. et al., "Expression and Functional Characterization of a Soluble Form of Endothelial-Leukocyte Adhesion Molecule" <i>J. Immunol.</i> 147 (1):124-129 (1991);
	BK	Lobb, R. et al., "Vascular Cell Adhesion Molecule-1" in <i>Cellular and Molecular Mechanisms of Inflammation: Vascular Adhesion Molecules</i> Vol. 2, C.G. Cochrane and M.A. Gimbrone, Jr. (eds.) (New York: Academic Press, Inc., 1991) Chp. 8, 151-169;
	BL	Madara, J. et al., "Characterization of Spontaneous Colitis in Cotton-Top Tamarin (<i>Saguinus oedipus</i>) and Its Response to Sulfasalazine", <i>Gastroent.</i> 88 :13-19 (1985);
	BM	Malizia, G. et al., "Expression of Leukocyte Adhesion Molecules by Mucosal Mononuclear Phagocytes in Inflammatory Bowel Disease", <i>Gastroent.</i> 100 :150-159 (1991);
	BN	Osband, M.E. and S. Ross, "Problems in the Investigational Study and Clinical Use of Cancer Immunotherapy" <i>Immunol. Today</i> 11 :193-195 (1990);
	BO	Osborn, L., "Leukocyte Adhesion to Endothelium in Inflammation" <i>Cell</i> 62 :3-6 (1990);
	BP	Osborn, L. et al., "Direct Expression Cloning of Vascular Cell Adhesion Molecule I, a Cytokine-induced Endothelial Protein That Binds to Lymphocytes" <i>Cell</i> 59 :1203-1211 (1989);
	BQ	Podolsky, D.K., "Colonic Glycoproteins in Ulcerative Colitis: Potential Meaning in Heterogeneity", <i>Inflammatory Bowel Diseases: Basic Research and Clinical Implications</i> , Falk Symposium, Titisee, Germany, June 7-9, 1987 (Boston, MA: Kluwer Academic Publishers, 1987) pp. 49-56;
	BR	Podolsky, D.K. and D.A. Fournier, "Alterations in Mucosal Content of Colonic Glycoconjugates in Inflammatory Bowel Disease Defined by Monoclonal Antibodies" <i>Gastroent.</i> 95 :379-387 (1988);
	BS	Podolsky, D.K. and D.A. Fournier, "Emergence of Antigenic Glycoprotein Structures in Ulcerative Colitis Detected Through Monoclonal Antibodies" <i>Gastroent.</i> 95 :371-378 (1988);
73	BT	Podolsky, D.K. et al., "Attenuation of Colitis in the Cotton-top Tamarin by Anti- α_4 Integrin Monoclonal Antibody" <i>J. Clin. Invest.</i> 92 :372-380 (1993);

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Philip Gamber 10/19/95

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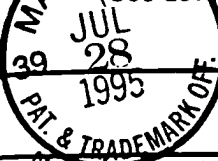
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CA	Podolsky, D.K. et al., "Colonic Mucin Composition in Primates Selective Alterations Associated with Spontaneous Colitis in the Cotton-top Tamarin" <i>Gastroent.</i> 88 :20-25 (1985);
CB	Podolsky, D.K. et al., "Spontaneous Colitis In Cotton-Top Tamarins: Histologic, Clinical and Biochemical Features of an Animal Model of Chronic Colitis" <i>Digestive Diseases and Sciences</i> 30 (4):396 (A-32) (1985);
CC	Pulido, R. et al., "Functional Evidence for Three Distinct and Independently Inhibitable Adhesion Activities Mediated by the Human Integrin VLA-4" <i>J. Biol. Chem.</i> 266 (16):10241-10245 (1991);
CD	Rice, G.E. et al., "Vascular and Nonvascular Expression of INCAM-110", <i>Am. J. Pathology</i> 138 (2):385-393 (1991);
CE	Riechmann, L. et al., "Reshaping Human Antibodies for Therapy" <i>Nature</i> 332 :323-327 (1988);
CF	Salmi, M. and S. Jalkanen, "Regulation of Lymphocyte Traffic to Mucosa-Associated Lymphatic Tissues" <i>Gastroent. Clin. N. Am.</i> 20 (3): 495-510(1991);
CG	Sanchez-Madrid, F. et al., "VLA-3: A novel polypeptide association within the VLA molecular complex: cell distribution and biochemical characterization" <i>Eur. J. Immunol.</i> 16 :1343-1349 (1986);
CH	Scott, J.K. and G.P. Smith, "Searching for Peptide Ligands with an Epitope Library" <i>Science</i> 249 :386-390 (1990);
CI	Sherman-Gold, R., "Companies Pursue Therapies Based on Complex Cell Adhesion Molecules" <i>Genetic Engineering News</i> 13 :6-7, 14 (1993);
CJ	Springer, T.A., "Adhesion Receptors Of The Immune System" <i>Nature</i> 346 :425-434 (1990);
CK	Steiner, J. and J. Grindley, "Phase II Clinical Trial Results - Too Many Expectations?" <i>Bio/Technology</i> 11 :644 (1993);
CL	Stoolman, L.M., "Adhesion Molecules Controlling Lymphocyte Migration" <i>Cell</i> 56 :907-910 (1989);
CM	Taichman, D.B. et al., "Tumor Cell Surface $\alpha^4\beta_1$ Integrin Mediates Adhesion to Vascular Endothelium: Demonstration of an Interaction with the N-Terminal Domains of INCAM-110/VCAM-1" <i>Cell Regulation</i> 2 :347-355 (1991);
CN	van Seventer, G.A. et al., "Analysis of T Cell Stimulation by Superantigen Plus Major Histocompatibility Complex Class II Molecules or by CD3 Monoclonal Antibody: Costimulation by Purified Adhesion Ligands VCAM-1, ICAM-1, but Not ELAM-1" <i>J. Exp. Med.</i> 174 :901-913 (1991);
CO	Waldmann, T.A., "Monoclonal Antibodies in Diagnosis and Therapy" <i>Science</i> 252 :1657-1662 (1991);
CP	Ward, E.S. et al., "Binding Activities of a Repertoire of Single Immunoglobulin Variable Domains Secreted From <i>Escherichia coli</i> " <i>Nature</i> 341 :544-546 (1989);
CQ	Weller, P.F. et al., "Human Eosinophil Adherence to Vascular Endothelium Mediated by Binding to Vascular Cell Adhesion Molecule 1 and Endothelial Leukocyte Adhesion Molecule 1" <i>Proc. Natl. Acad. Sci. USA</i> 88 :7430-7433 (1991);
CR	Yuan, Q. et al., "Cloning and Sequence Analysis of a Novel β_2 -Related Integrin Transcript from T Lymphocytes: Homology of Integrin Cysteine-Rich Repeats to Domain III of Laminin-B Chains" <i>International Immunol.</i> 2 (11):1097-1108 (1990).

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P.H.W.P. Gammert 10/14/95

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